

ABSTRACT OF THE DISCLOSURE

A flashlight configured to durably provide an effective beam of light for extended periods of time. The flashlight features a high-power, directed LED configured to produce a divergent beam of light that is characterized by an optical directivity angle extending from a vertex point. The flashlight includes a lens having a first portion forming a convergent lens, where the LED is located such that its vertex point coincides with the lens' focal point. The convergent lens is sized and positioned such that substantially all of the directed light from the LED passes through the convergent lens portion to emerge in a first beam of parallel light. The LED emits additional light through a tip. A parabolic reflector has the tip at its focal point to reflect the additional light into a second beam of parallel light that is parallel to and surrounding the first beam, thus forming a single and more efficient useful beam. The LED and parabolic reflector are formed into an illuminator assembly that is contained within a housing of the flashlight so as to hold the LED in alignment with its preferred position with respect to the parabolic reflector.